



City of Encinitas Stormwater Intake Form for All Developments and Standard / Basic Project SWQMP

Project Identification								
	t/Applic oint Fari		ime:					
Permit/Application Number:				Date: 5/19/2019				
	ddress:			APN:				
			Drive, Encinitas, CA 92024	254-612-12	<u>)</u>			
The pro SF rec drivew	oject pro reation ays and	oposes al cen d alley	iter, and approximately 5,000	SF of multi-us g and suppor	s, a 3,500 SF restaurant, a 10,000 se event space. Paved private ting infrastructure such as sewer,			
			Determination of Project		-			
			y permanent, post construction Besign Manual for guidance.	MP requireme	nts. Refer to City of Encinitas			
			et a "development project"? ts are defined as	☑ Yes	Go to Step 2.			
"const recons See S guidar replac	truction, struction, struction 1 section 1 nce. For sements,	rehab of any .3 and exam and e	ilitation, redevelopment, or y public or private projects". I Table 1-2 of the manual for ple, interior remodels, roof electrical and plumbing work t projects.	□ No	Stop. Permanent BMP requirements do not apply. No SWQMP will be required. Provide discussion below.			
_	2: Comp		uestions below for Project Type Dtone): □ New Development		elonment			
		•	· · · · · · · · · · · · · · · · · · ·		•			
The to	otal prop	osed,	newly created and/or replaced im	pervious area	is: <u>401,552 ft²</u>			
	-	n any	of the following categories, (a) th	rough (f) belov	v?			
Yes ☑	No	(a)	New development projects or redevelopment projects that create and/or replaced 10,000 square feet or more of impervious surfaces (collectively over the entire project site). This includes commercial, industrial, residential, mixed-use, and public development projects.					
Yes	No	(b)			replace 5,000 square feet or more of			
Ø			10,000 square feet or more of industrial, residential, mixed-use	f impervious e, and public d				
Yes	No	(c)			and/or replace 5,000 square feet or			
$\overline{\mathbf{V}}$			·	ectively over t	he entire project site), and support one			
			or more of the following uses: (i) Restaurants This category	rv is defined as	s a facility that sells prepared foods and			
			(i) Restaurants. This category is defined as a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption (SIC					
	code 5812).							



			(ii) Hillside development projects. This category includes development on any			
			natural slope that is twenty-five percent or greater.			
			(iii) Parking lots. This category is defined as a land area or facility for the			
			temporary parking or storage of motor vehicles used personally, for business,			
			or for commerce.			
			(iv) Streets, roads, highways, freeways, and driveways. This category is defined			
			as any paved impervious surface used for the transportation of automobiles,			
			trucks, motorcycles, and other vehicles.			
Yes	No	(d)	New or redevelopment projects that create and/or replace 2,500 square feet or more			
	\square	, ,	of impervious surface (collectively over the entire project site), and discharge directly			
			to an Environmentally Sensitive Area (ESA). "Discharge directly to" includes flow that			
			is conveyed overland a distance of 200 feet or less from the project to the ESA, or			
			conveyed in a pipe or open channel any distance as an isolated flow from the project			
			to the ESA (i.e. not commingled with flows from adjacent lands).			
			Note: ESAs are areas that include but are not limited to all Clean Water Act			
			Section 303(d) impaired water bodies; areas designated as Areas of Special			
			Biological Significance by the State Water Board and SDRWQCB; State Water			
			Quality Protected Areas; water bodies designated with the RARE beneficial use			
			by the State Water Board and SDRWQCB; and any other equivalent			
			environmentally sensitive areas which have been identified by the			
			Copermittees. See manual Section 1.4.2 for additional guidance.			
Yes	No	(e)	New development projects, or redevelopment projects that create and/or replace			
		()	5,000 square feet or more of impervious surface, that support one or more of the			
			following uses:			
			(i) Automotive repair shops. This category is defined as a facility that is			
			categorized in any one of the following SIC codes: 5013, 5014, 5541, 7532-			
			7534, or 7536-7539.			
			(ii) Retail gasoline outlets. This category includes retail gasoline outlets that			
			meet the following criteria: (a) 5,000 square feet or more or (b) a projected			
			Average Daily Traffic of 100 or more vehicles per day.			
Yes	No	(f)	New or redevelopment projects that result in the disturbance of one or more acres			
$\overline{\mathbf{Q}}$		()	of land and are expected to generate pollutants post construction.			
			Note: See BMP manual for exclusions specific to this category.			
Does	Does the project meet the definition of one or more of the PDP categories (a) through (f) listed above?					
			t is a <u>Priority Development Project</u> , the applicant shall provide PDP Post			
Construction BMPs and provide a PDP SWQMP. Stop here and complete PDP SWQMP.						
□ No − Does the project propose <u>500 SF</u> or more of new and/or replaced impervious surface area?						
☐ Yes – The project is a <u>Standard Project</u> , the applicant shall implement Structural Post						
Construction BMPs, site design, and source control BMPs.						
Complete Step 3, 4, & 5.						
□ No – The project is a <u>Basic Project</u> , the applicant shall implement site design and						
source control measures. Complete Step 3 & 4.						
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Step 3: Source Control BMP Checklist - All "Development Projects" Must Complete

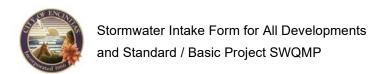
All development projects must implement source control BMPs SC-1 through SC-6 where applicable and feasible. See Chapter 4 and Appendix E of the manual for information to implement source control BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the source control BMP as described in Chapter 4 and/or Appendix E of the manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project has no outdoor materials storage areas). Discussion / justification may be provided.

Source Control Requirement	Applied?		
SC-1 Prevention of Illicit Discharges into the storm drain	☑ Yes	□No	□ N/A
SC-2 Storm Drain Stenciling or Signage	☑ Yes	□ No	□ N/A
SC-3 Protect Outdoor Materials Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	□Yes	□ No	☑ N/A
SC-4 Protect Materials Stored in Outdoor Work Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	□Yes	□ No	☑ N/A
SC-5 Protect Trash Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	⊠Yes	□No	□ N/A
SC-6 Additional BMPs Based on Potential Sources of Runoff Pollutants (must answer for each source listed below)			
□ Onsite storm drain inlets	⊠Yes	□ No	□ N/A
□ Interior floor drains and elevator shaft sump pumps drain to sewer	□Yes	□No	☑ N/A
□ Interior parking garages drain to sewer	□Yes	□ No	☑ N/A ☑ N/A
□ Need for future indoor & structural pestcontrol	□Yes	□No	□ N/A
□ Landscape/outdoor pesticide use	☑Yes ☑ Yes	□No	□ N/A
□ Pools, spas, ponds, decorative fountains, and other waterfeatures	☑ Yes	□No	□ N/A
□ Food service	✓ Yes	□ No	□ N/A
□ Refuse/Trash areas must be covered	□Yes	□ No	☑ N/A
□ Industrial processes	□Yes	□ No	☑ N/A
□ Outdoor storage of equipment or materials must be covered	□Yes	□ No	☑ N/A ☑ N/A
□ Vehicle and equipment cleaning	□Yes	□ No	☑ N/A ☑ N/A
□ Vehicle/equipment repair and maintenance	□Yes	□ No	☑ N/A
□ Fuel dispensing areas	□Yes	□ No	☑ N/A ☑ N/A
□ Loading docks	□Yes	□ No	□ N/A
□ Fire sprinkler test water	□Yes	□No	
□ Miscellaneous drain or wash water	□ ☑Yes	□No	
□ Plazas, sidewalks, and parking lots		□ No	

Discussion / justification if <u>SC-1 through SC-6</u> not implemented. Justification must be provided for <u>ALL</u> "No" answers shown above.



Step 4: Site Design BMP Checklist - All "Development Projects" Must Complete

All development projects must implement site design BMPs SD-1 through SD-8 where applicable and feasible. See Chapter 4 and Appendix E of the manual for information to implement site design BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the site design BMP as described in Chapter 4 and/or Appendix E of the manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project site has no existing natural areas to conserve). Discussion / justification may be provided.

Source Control Requirement	Applied?			
SD-1 Maintain Natural Drainage Pathways and Hydrologic		□ No	□ N/A	
SD-2 Conserve Natural Areas, Soils, and Vegetation	□Yes	☑ No	□ N/A	
SD-3 Minimize Impervious Area		□ No	□ N/A	
SD-4 Minimize Soil Compaction		□No	□ N/A	
SD-5 Impervious Area Dispersion - Directly Connected Impervious Areas (e.g. roof downspouts connected to	☑ Yes	□ No	□ N/A	
SD-6 Runoff Collection		□No	□ N/A	
SD-7 Landscaping with Native or Drought Tolerant Species		□No	□ N/A	
SD-8 Harvesting and Using Precipitation	□Yes	☑ No	□ N/A	

Discussion / justification if <u>SD-1 through SD-8</u> not implemented. Justification must be provided for <u>ALL</u> "No" answers shown above.

The project proposes to mass grade the entire site as a part of the construction activities for the site. A majority of the site will be developed consisting of multi-family home, private driveways and supporting infrastructure.

Harvest and reuse is not feasible for this project.

Step 5: Standard Project BMP Sizing for ≥500sf New/Replaced Impervious Surface Areas

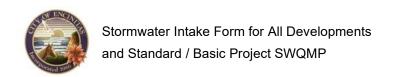
Projects that create and/or remove and replace 500sf or greater of impervious surface collectively over the entire project site shall provide natural biofiltration and/or bioretention BMPs. The applicant may use the Design Capture Volume method (attach calculations hereon; see Appendix B of BMP Design Manual), or may utilize the following calculation:

16,062 SF = $0.04 \times 401,552 \text{ SF}$

MINIMUM EFFECTIVE BMP AREA = 0.04 x Total new and/or removed and replaced impervious surfaces

Describe the selected Structural BMP Design including type, location, size, etc. below:

The project is proposing lined biofiltration basins that will integrate both pollutant control measures with flow control for hydromodification management. The basins have been sized to demonstrate compliance with HMP using the Environmental Protection Agency's (EPA) Storm Water Management Model (SWMM). The model was set up to demonstrate compliance assuming no infiltration, consistent with the Type D soils found onsite. A low-flow threshold of 0.1Q2 was used for hydromodification management requirements as a channel/geomorphic assessment was not performed.



Project Owner's Certification:

I hereby acknowledge that my project is subject to the stormwater quality regulations of the City of Encinitas and certify that my project will provide satisfactory stormwater quality measures both during the construction process and afterwards.

If my project is designated as a Priority or a Standard Project, I further acknowledge my understanding that the permanent stormwater treatment features must remain in place, be inspected at least once annually, and be maintained in good working order. Removal or modification of these features without prior City

authorization is prohibited. I certify that I have reviewed the information contained in this form and verified that it is both complete and correct. Date Signature of Owner Print Name Company Name **Agent's Certification:** I hereby certify that this project will be designed in conformance with the stormwater quality regulations of the City of Encinitas. I certify that I have reviewed the information contained in this form and verified that it is both complete and correct. 5/19/2020 Signature of Agent Date Tadd Dolfo Pasco Laret Suiter and Associates **Print Name** Company Name Engineer Working Capacity of Agent (architect, engineer)

Place Professional Seal Above